

# Sameer Korlahalli

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<https://sameerko95.github.io>

## Education

### New York University

M.S. in Computer Science

May 2019

GPA: 3.48/4

### University of Mumbai, India

Bachelor of Engineering, Computers

June 2017

GPA: 3.50/4

## Technical Skills

### Languages:

Python, Go, Java, JavaScript, SQL

### Cloud/Data Processing:

AWS, pySpark, Databricks, Striim, Hadoop

### Web Technologies and Databases:

Django, JSP, .NET, AngularJS, MySQL, PostgreSQL, HTML5, CSS3, JavaScript

## Certification/Activities

- Microsoft certified Technology Associate: Web Development Fundamentals (2015 - Present)
- 1<sup>st</sup> Runner up at ASCII, a state level project competition held in April 2017

## Publication

### Standalone Device for Home Automation and Personalized Recommendation

October 2017

DJ ASCII-17

## Work Experience

### Software Engineering Intern - NYU IT Services - New York

June 2018 – May 2019

- Public Safety Surveillance (Python, Kafka, JavaScript, Raspberry Pi)
  - Developing real-time surveillance system for university infrastructure
- Learning Analytics (Python, AWS & pySpark)
  - Developing data integration services from Oracle DB and video streaming APIs for the ETL pipeline using AWS Lambda, S3, RDS and pySpark for data validation and transformations
- API Request Approval System (Python, AngularJS & AWS)
  - Developed an API request approval system for APIs pertaining to all departments and schools under the university using AWS Lambda as back-end, RDS as database and S3 as a secondary data store

### Full Stack Developer Intern - Big Apple Buddy - New York

March 2018 - June 2018

- Developed a critical module for significantly decreasing the response time to product quotation requests to increase conversion rate of leads
- Developed the module using Django, PostgreSQL, AWS along with Zendesk and FedEx APIs

## Projects

### Socialize – A distributed social network

November 2018 - December 2018

- Used Distributed system concepts to implement a social network using a multi-server architecture using Golang.
- Fault tolerance was implemented using raft by CoreOS

### Food Image Recognition System - AWS, TensorFlow (Python)

December 2017

- Developed an application to recognize food items from an uploaded image and list nearby restaurants offering identified food item
- Used TensorFlow to retrain the penultimate layer of Inception V3 model on a food categories dataset with an accuracy of 90.4%
- Deployed the application using API Gateway, EC2, Lambda, RDS and S3

### College Mate – An online portal for college students and faculty – Java

August 2016 – September 2016

- Developed a website for students to keep a track of their attendance, grades, schedule and campus recruitment information using JSP and Hibernate.
- The website had features for faculty as well, such as uploading course material, adding courses to a term etc.
- Developed a mobile application using Ionic (Angular 2) and RESTful services